

3600.2390-D2

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Docket: AM-2390-D2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jianming FU

Attorneys Docket: AM-2390.D2

Serial No.: 09/918,136

Art Unit No.: 1745

Filed: July 30, 2001

Examiner: G. Cantelmo

For: "SELF IONIZED SPUTTERING USING A HIGH DENSITY PLASMA SOURCE"

Commissioner for Patents
Washington, DC 20231

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NOV 21 2002

GROUP 1700

AMENDMENT UNDER 37 CFR §1.116

OK to Enter

In response to the Office Action of September 20, 2002, please amend the above application as follows:

Replace the claims with:

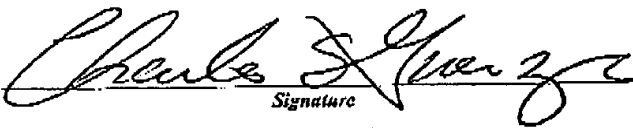
1. (Twice Amended) A method of sputtering a material from a target comprising a metal onto a working substrate supported on a pedestal in a system including a magnetron disposed on a side of said target opposite said pedestal and including an outer pole of one magnetic polarity and surrounding an inner pole of another magnetic polarity, wherein said outer pole extends from a center of said target to a peripheral portion of said target and has an area smaller than a similarly extending circle and includes two straight portions connected by curved portions, said method comprising:

rotating said magnetron about said center of said target to achieve full sputtering coverage of said target; and
capacitively coupling power into said chamber at least partially by applying DC power to said target but not including inductively coupling power into said chamber to

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AMENDMENT TRANSMITTAL LETTER (Large Entity)				Docket No. AM-2390.D2	
Applicant(s): Jianming FU					
Serial No. 09/918,136	Filing Date July 30, 2001	Examiner G. Cantelmo		Group Art Unit 1745	
Invention: SELF IONIZED SPUTTERING USING A HIGH DENSITY PLASMA SOURCE					
<u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	20 -	21 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	4 -	3 =	1 x	\$84.00	\$84.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$84.00
<input type="checkbox"/> No additional fee is required for amendment. <input checked="" type="checkbox"/> Please charge Deposit Account No. 50-0636 in the amount of \$84.00 A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0636 A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 Signature			Dated: November 20, 2002		
Charles S. Guenzer, Reg. No. 30,640 (650) 566-8040 Mailing Address: Applied Materials, Inc. Patent/Legal Department P.O. Box 450A Santa Clara, CA 95052					
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I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.					
Signature of Person Mailing Correspondence					
Typed or Printed Name of Person Mailing Correspondence					
cc:					

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FACSIMILE COVER SHEET

TO: Exr. G. Cantelmo
USPTO
Group 1753

Fax No.: 703-872-9311
Voice No.: 703-305-0635

FROM:

Charles S. Guenzer, Esq.
Law Offices of Charles Guenzer
2211 Park Blvd.
P.O. Box 60729
Palo Alto, California 94306
fax: (650) 566-8042
voice: (650) 566-8040
email: csg@palypat.com

Re: Amendment Under 37 CFR §1.116

Your Ref: USSN 09/918,136

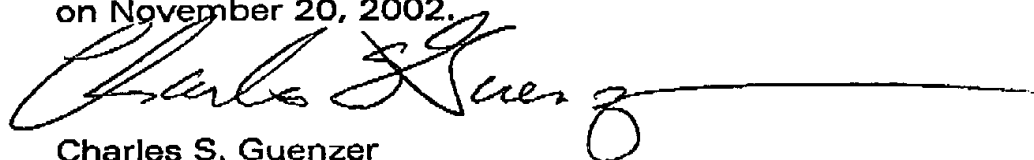
Our Ref: AM-2390.D2

REMARKS

Attached is the requested amendment:

- (1) Amendment Transmittal Letter (1p., duplicate)
- (2) Amendment Under 37 CFR §1.116 (10 pp.)

I certify that the above papers are being faxed to the above fax number on November 20, 2002.



Charles S. Guenzer
Reg. No. 30,640

Date: 11/20/02

No. of Pages (including cover): 13

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